Web I<u>mages Video News Maps Gmail more</u> ▼

Sign in

**Google** 

tcp offload sequence acknowledgement numb

Search | Advanced Search

Preferences New! View and manage your web history

Web

Results 1 - 10 of about 34,300 for tcp offload sequence acknowledgement number checksum. (0.19 seconds)

# Transmission Control Protocol - Wikipedia, the free encyclopedia

The Acknowledgment is a 32-bit field in TCP segment header. It contains the next sequence number that this host is expecting to receive (x + 1). ... en.wikipedia.org/wiki/Transmission\_Control\_Protocol - 85k - Cached - Similar pages

#### TCP Offload Engine - Wikipedia, the free encyclopedia

TCP Offload Engine or TOE is a technology used in network interface cards to ... Checksum and Sequence number calculations - again a burden on a general ... en.wikipedia.org/wiki/TCP\_Offload\_Engine - 25k - Cached - Similar pages

# TCP time stamp processing in hardware based TCP offload - Patent ...

Each TCP segment header contains the sequence number of the first byte of .... [0051] In step S510, a new TCP checksum is generated and the TCP segment is ... www.freepatentsonline.com/20050180322.html - 33k - Cached - Similar pages

### CONNECTION ESTABLISHMENT ON A TCP OFFLOAD ENGINE - Patent 20060221946

Check the sequence number. If an appropriate invalidation bit (e.g., ... The TOE may send acknowledgement (ACK) for the SYN/ACK segment on the newly created ... www.freepatentsonline.com/20060221946.html - 29k - Cached - Similar pages [More results from www.freepatentsonline.com]

# Port Security Tool - Fast Port Scanner

Through the use of **sequence** and **acknowledgement numbers**, **TCP** can properly ... Note that the **TCP checksum** also covers a 96 bit pseudo header containing the ... www.globalwebmonitor.com/Port-Scanner-I.htm - 51k - Cached - Similar pages

# Microsoft Windows Server 2003 Scalable Networking Pack Overview ...

Parsing the fields of the TCP header (validating the TCP checksum and processing sequence and acknowledgement numbers, TCP flags, and source and destination ... www microsoft.com/technet/community/columns/cableguy/cg0606.mspx - 22k - Cached - Similar pages

### Alacritech - Patents & Licensing

A TCP offload engine (TOE) capable of offloading, from a host, TCP protocol ... a transmit sequence limit, a transmit acknowledge number, and a transmit ... www.alacritech.com/Company/Patents/Default.aspx - 44k - Cached - Similar pages

# [PDF] A TCP offload accelerator for 10 Gb/s ethernet in 90-nm CMOS ...

using the packet's last 1 sequence number to check if the suc- ceeding adjacent payload exists ..... a comprehensive system level solution for TCP offload. ... leeexplore.ieee.org/iel5/4/27824/01240966.pdf?arnumber=1240966 - Similar pages

#### [PDF] TCP Offload Engines

File Format: PDF/Adobe Acrobat - View as HTML

sequence—TCP ensures that the host system receives all packets in ... overhead that TCP/IP processing incurs are TCP/IP checksum offload ...

www.dell.com/downloads/global/power/1q04-her.pdf - Similar pages

#### DesignWare Technical Bulletin

IP and TCP/UDP Checksum Offload Functionality and its Support in Synopsys' ... Source Port, Destination Port. Sequence Number. Acknowledgement Number ...

www.synopsys.com/products/designware/dwtb/articles/ethernet\_mac/ethernet\_mac php - 38k - Cached - Similar pages

Web Images Video News Maps Gmail more v

Sign in

<u>Google</u>

tcp offload sequence acknowledgement numb

Search Advanced Search Preferences

Preferences New! View and manage your web history

Web

Results 11 - 20 of about 34,300 for tcp offload sequence acknowledgement number checksum. (0.10 seconds)

Offload of TCP segmentation to a smart adapter - US Patent 5937169 receiving acknowledgment from the destination of receipt of the ... a TCP/IP header template including having an initial TCP sequence number set for the ... www.patentstorm.us/patents/5937169-claims.html - 44k - Cached - Similar pages

TCP/IP offload device with reduced sequential processing - US ...
IP checksum offload Issued on: April 27, 1999 Inventor: Melzer, et al. ..... The TOE of claim 12, wherein the expected packet receive sequence number and ...
www.patentstorm.us/patents/6996070-claims.html - 61k - Cached - Similar pages
[More results from www.patentstorm.us]

# [PDF] A Parallel TCP/IP Offload Engine Framework for a TOE device

I Ile Format: PDF/Adobe Acrobat end of the full-duplex communication. The **Acknowledge**. **Number** Generator also depends on the **TCP** receiving, tasks. It seeks the last **sequence number** received ... www.scs.org/getDoc.cfm?id=2079 - Similar pages

# [PDF] OCRed document

File Format: PDF/Adobe Acrobat

32-bit sequence number. 32-bit acknowledgment number TCP. Header. hh 6-bit reserved 6-bit flags 16-bit window size. 16-bit TCP checksum 16-bit urgent ... ieeexplore.ieee.org/iel3/4463/12649/00584711.pdf?arnumber=584711 - Similar pages

6449,656

[PDF] Unveiling the Transport

File Format: PDF/Adobe Acrobat - <u>View as HTML</u> connections while the real system is recovering. A helper system that knows the current **sequence** and **acknowledgment numbers** for the crashed end of a **TCP** ... www.cs.duke.edu/~justin/papers/moguletal.pdf - Similar pages

Cisco Press - 1587051605 - Storage Networking Protocol Fundamentals FCS Frame Check Sequence. FCTA Fibre Channel Tape Acceleration .... TOE TCP Offload Engine. TOS Type of Service. TPC Third Party Copy ... safari.ciscopress.com/1587051605/app02 - Similar pages

#### (PDF) <u>aar net</u>

ile Format: PDF/Adobe Acrobat - <u>View as HTML</u>
Large MTU reduces the **number** of packets processed by the. **TCP** receiver. • PCI bus ...
State-full **TCP offload** adapters are not really suitable for this ...
www.questnet.net.au/questnet2005/papers/Glen\_Turner.pdf - Similar pages

# [PPT] Designing Quality Advanced Ethernet Adapters And Drivers

File Format: Microsoft Powerpoint - View as HTML
Run "TCP/IP offload engine stop backchannel" to stop remote service; Run "TCP/IP ...
congestion avoidance); TCP reassembly; Nagle; Sequence number wrapping ...
download.microsoft.com/download/1/8/f/18f8cee2-0b64-41f2-893da6f2295b40c8/TW04012 WINHEC2004.ppt - Similar pages

### [PDF] TCP Offload through Connection Handoff

File Format: PDF/Adobe Acrobat - <u>View as HTML</u> implements TCP/UDP checksum offload for both outgoing and incoming packets. ..... window scaling and protection against wrapped sequence numbers (PAWS) ... www.cs.rice.edu/~hykim/hykim-phd.pdf - Similar\_pages

# Offload of TCP segmentation to a smart adapter - Patent Review 5937169

Web Images Video News Maps Gmail more -

Sign in

Google

tcp offload sequence acknowledgement numb

Advanced Search

Preferences New! View and manage your web history

Web

Results 21 - 30 of about 34,300 for tcp offload sequence acknowledgement number checksum. (0.27 seconds)

Search

[PDF] IP Storage Tutorial

File Format: PDF/Adobe Acrobat - View as HTML

5003 iSCSI. Sequence Number. Acknowledgment Number. Window. Checksum ....

Checksum calculations. Partial or Complete TCP Offload mechanisms are ...

www.cs.uml.edu/~bill/cs592/iSCSI\_Slides\_Overview.pdf - Similar pages

New Networking Features in Windows Server 2008 and Windows Vista

TCP Chimney Offload. Managing TCP connections can involve a significant amount of ...

the TCP checksum and processing sequence and acknowledgement numbers, ...

www.microsoft.com/technet/network/evaluate/new\_network.mspx - 166k -

Cached - Similar pages

[РОБ] COMPCON'97: FX1000: a high performance single chip Gigabit ...

File Format: PDF/Adobe Acrobat

32.bit sequence number. 32-bit acknowledgment number. h&p'\h. 6-bit reserved. h-bit

flags. 16-bit window size. I. t. 16-bit TCP checksum ...

doi.ieeecomputersociety.org/10.1109/CMPCON.1997.584711 - Similar pages

O'Reilly - Safari Books Online - 020178419X - iSCSI: The Universal ...

SNACK, sequence number acknowledgment or selective negative acknowledgment ...

TOE, TCP/IP Offload Engine. TPGT, target portal group tag ...

safari.oreilly.com/020178419X/app06 - Similar pages

#### (PDF) URL-Based Switching White Paper

File Format: PDF/Adobe Acrobat - View as HTML

Modify SIP/SP. 5. Modify DIP/DP. 6. Modify acknowledge number. 7. Modify sequence

number. 8. Calculate incremental TCP checksum. ...

www.pmc-sierra.com/cgi-bin/document.pl?docnum=2002232 - Similar pages

#### Miniature Web Server

Sequence and acknowledgement numbers. The 32-bit sequence and

acknowledgment ... TCP checksum generation is a major issue in our small implementation, ...

www.embedded.com/shared/printableArticle.jhtml?articleID=9900087 - 60k -

Cached - Similar pages

# [PDF] IP Based Design 2002 A Parallel TCP/IP Offloading Framework for a ...

File Format: PDF/Adobe Acrobat - View as HTML

communication. The Acknowledge Number. Generator depends on the TCP receiving

tasks. It. seeks the last sequence number received in order and ...

www.ece.uprm.edu/~icouver/papers/p02/ipbasedsocdesign.pdf - Similar pages

# [DOC] Scalable Networking: Network Protocol Offload-Introducing TCP Chimney

ile Format. Microsoft Word - View as HTML

Sequence number for next TCP Receive segment (RFC 793 RCV. ..... If there is any

received data for which a TCP acknowledgment has been sent back to the ...

download.microsoft.com/download/5/b/5/5b5bec17-ea71-4653-9539-

204a672f11cf/TCP\_Chimney.doc - Similar pages

#### Storing a frame header - Patent Review 6449656

Another field 34 of the TCP protocol header 22a may indicate a sequence number that .....

Thus, for the example described above, the acknowledgment numbers ...

www.wikipatents.com/6449656.html - 147k - Cached - Similar pages

[PDF] TCP performance

File Format: PDF/Adobe Acrobat - View as HTML

Checksum. •. error detection. Acknowledgement. •. Ack number. Sequence and

window ..... Template and TCP segmentation offload ...

www.linuxsa.org.au/meetings/2003-09/tcpperformance.screen.pdf - Similar pages

Previous 1 2 3 4 5 6 7 8 9 101112 Next

tcp offload sequence acknowledgem Search

Search within results | Language Tools | Search Tips

©2007 Google - Google Home - Advertising Programs - Business Solutions - About Google